Air Surveillance and Precision Approach and Radar Control System (ASPARCS)

Description

The ASPARCS is the next generation expeditionary ATC equipment that will replace legacy expeditionary equipment with HMMWV mounted radars and a CAC2S-based communications and control suite. It will provide an all-weather ATC capability for an expeditionary airfield or forward operating base. The AN/TSQ-216 Remote Landing Site Tower (RLST) is a system currently being fielded to provide a fully expeditionary HMMWV mounted control tower.

Operational Impact

The ASPARCS will provide a HMMWV mounted state-of-the-art ATC surveillance and precision approach radar system that significantly reduces tactical and strategic lift requirements. The system will be fully interoperable with other CAC2S applications, utilize common hardware and software, and be capable of functioning as an ACE C2 node. The AN/TSQ-216 RLST will provide a fully functional two-position control tower complemented by a robust communications capability. These two programs provide a dynamic expeditionary ATC capability able to be deployed in a package of two C-130 equivalents.

Program Status

The ASPARCS program will begin developmental testing in FY02, IOC is planned for FY04 and FOC in FY09. The RLST will field 12 systems in FY02.

Procurement Profile:	***FY02***	***FY03***
Quantity: **ASPARCS**	0	0
RLST	12	0

Developer/Manufacturer	ASPARCS-Lockheed Martin RLST-Sierra Nevada Corporation